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# SO<sub>2</sub> absorption on K<sub>x</sub>Mn<sub>8</sub>O<sub>16</sub> A, B, Cu-doped K<sub>x</sub>Mn<sub>8</sub>O<sub>16</sub> B, and EMD

MnO<sub>2</sub> at 325°C

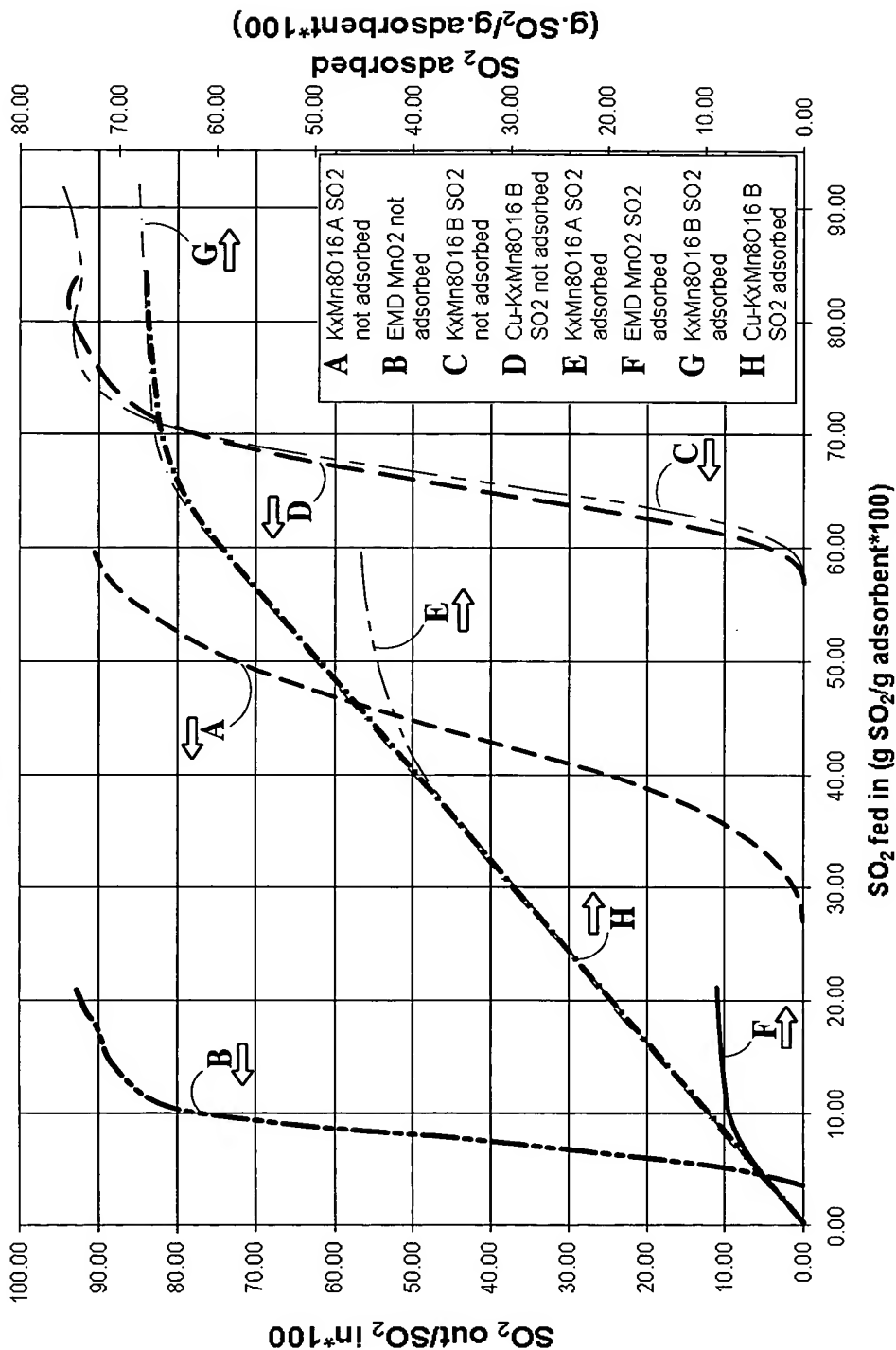


Fig. 1

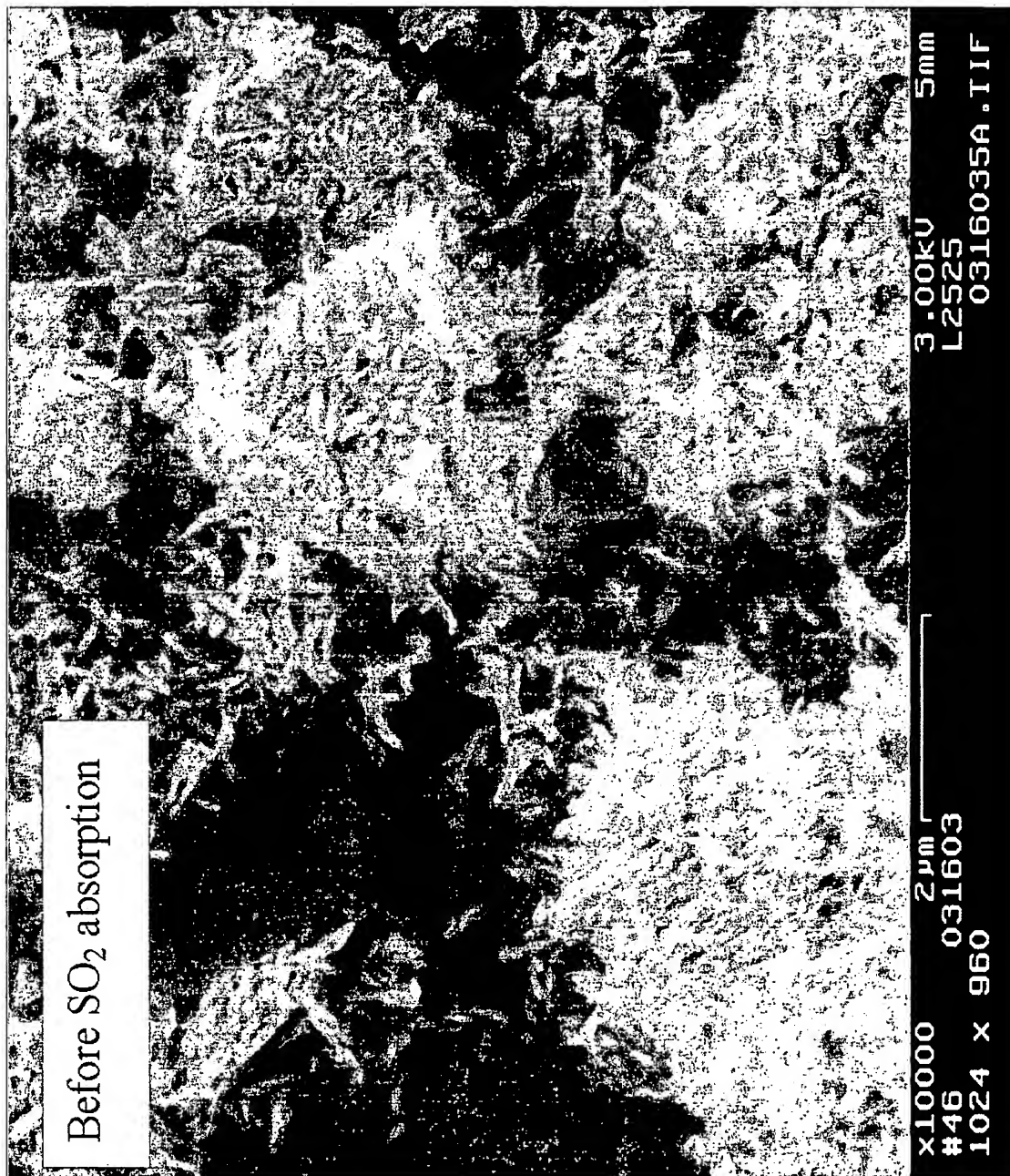


Fig. 2a

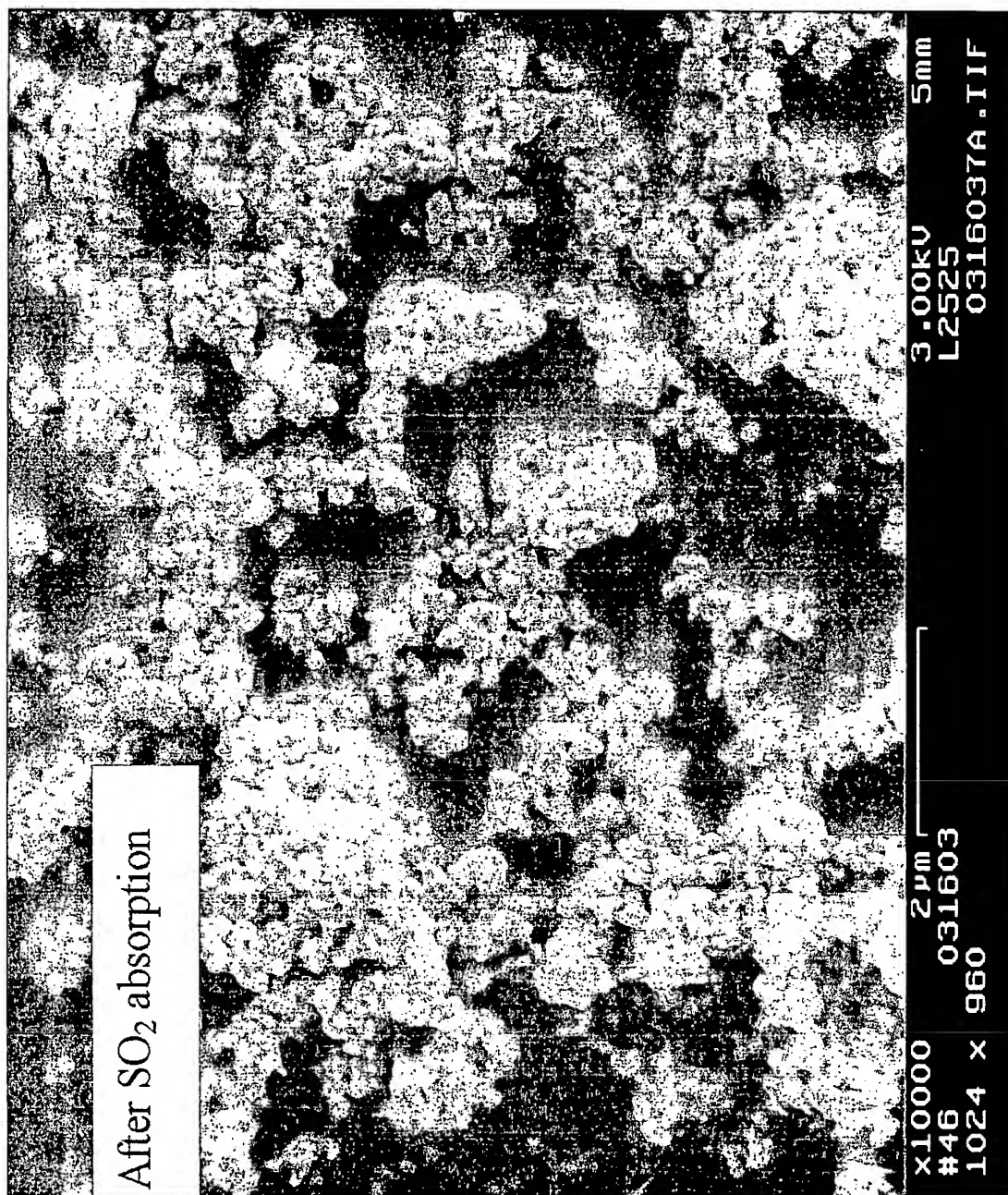
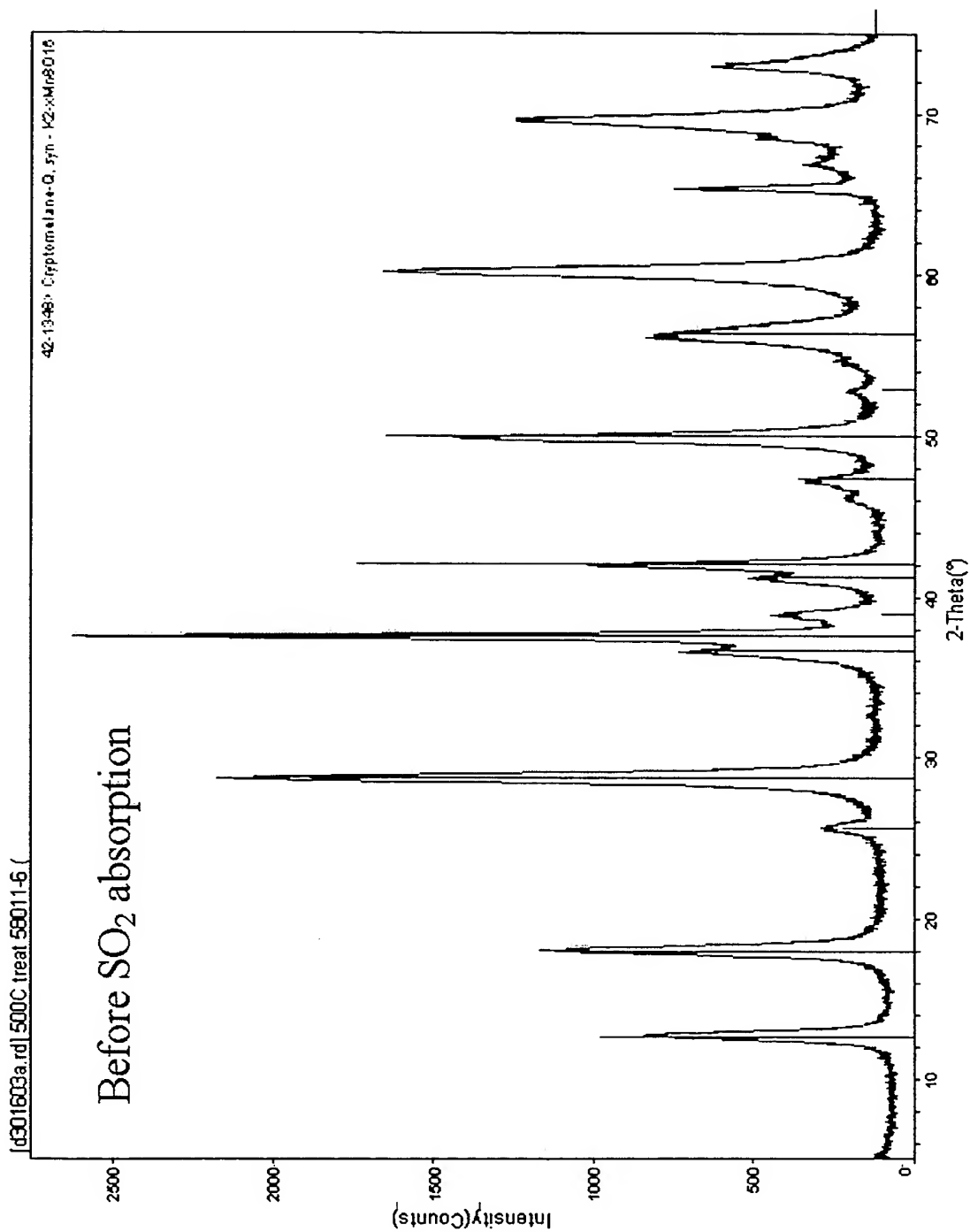
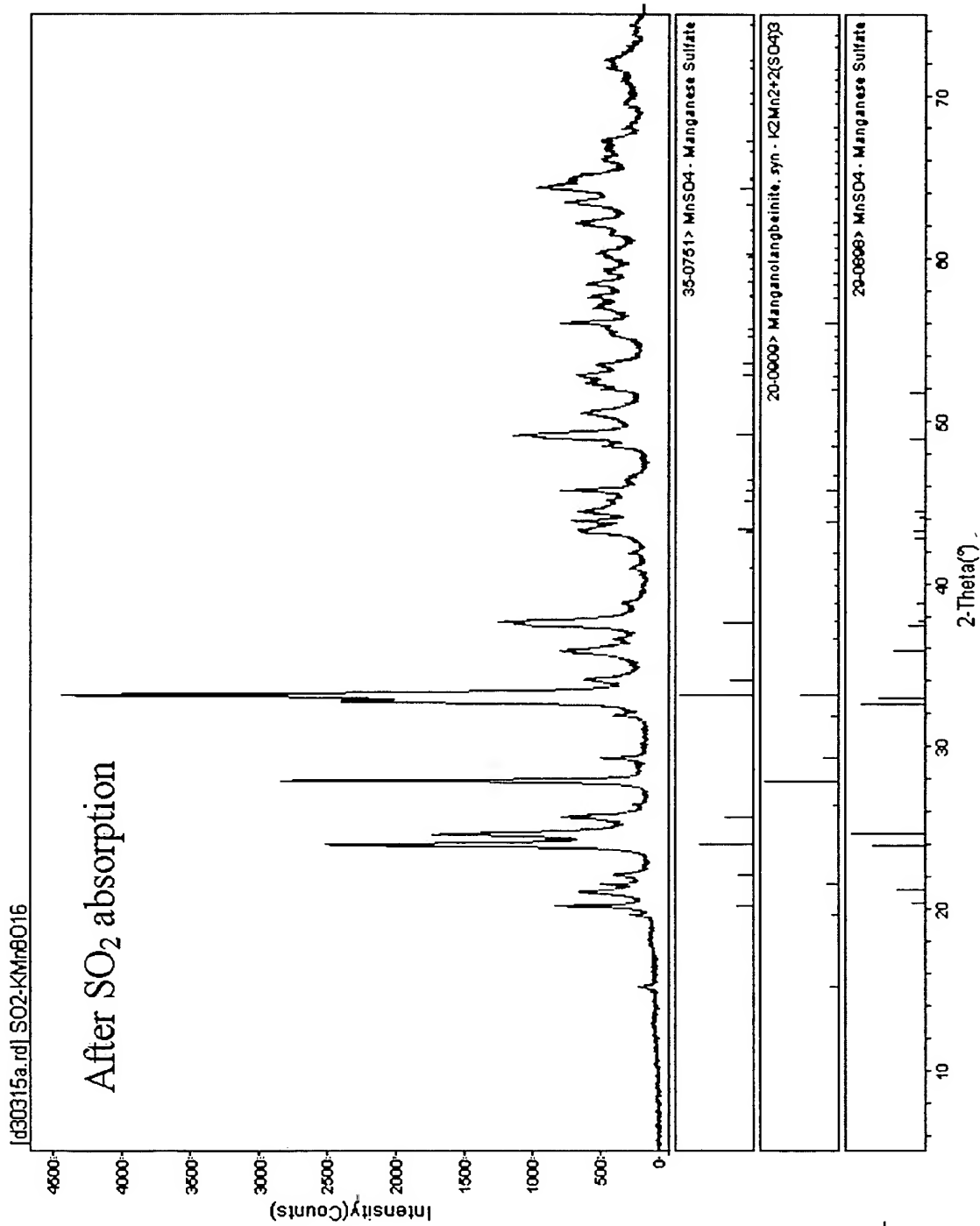


Fig. 2b

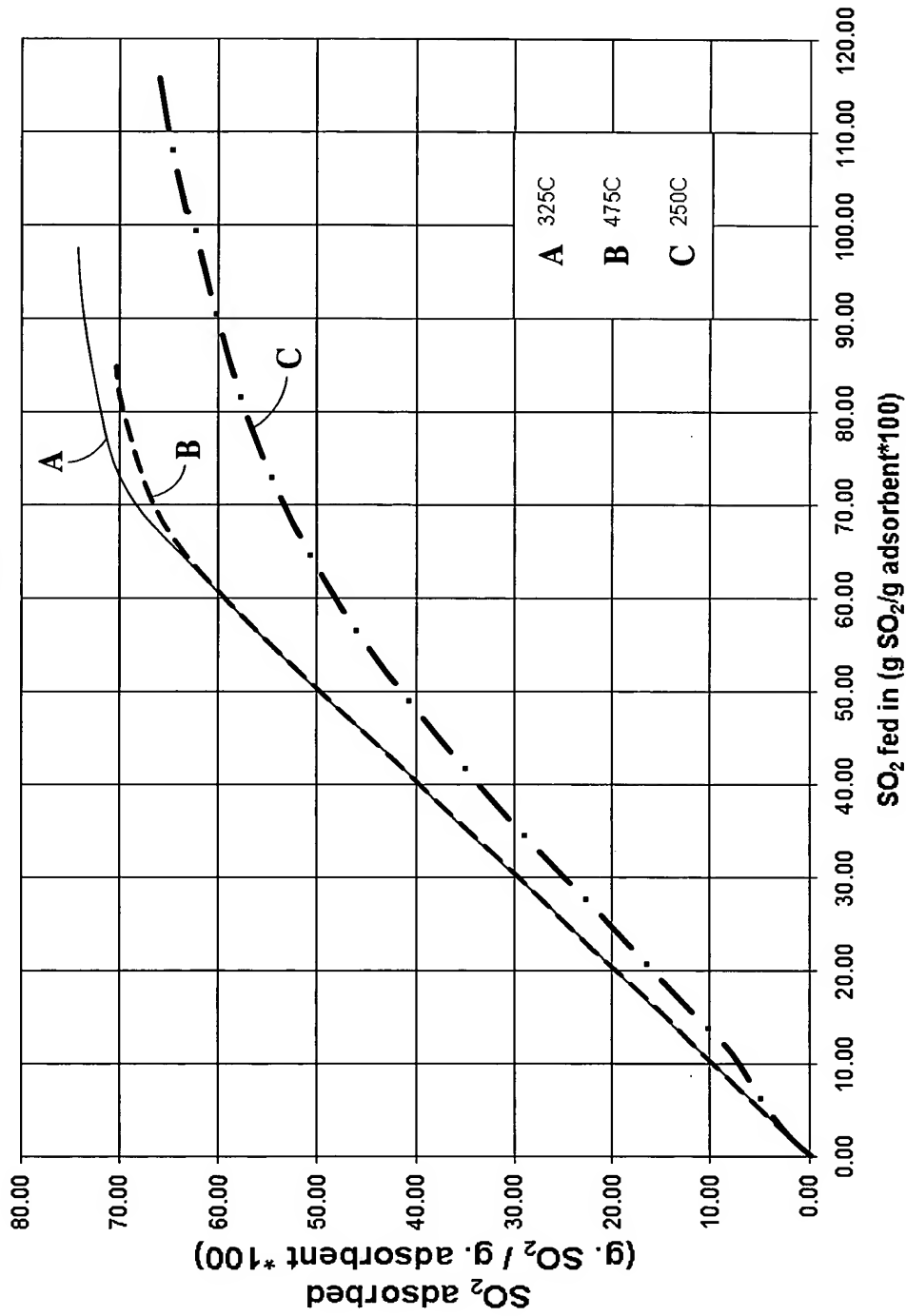


**Fig. 3a**



**Fig. 3b**

**SO<sub>2</sub> absorption on K<sub>x</sub>Mn<sub>8</sub>O<sub>16</sub> B at 250°C, 325°C and 475°C  
(~7500hr<sup>-1</sup> GHSV).**



**Fig. 4**

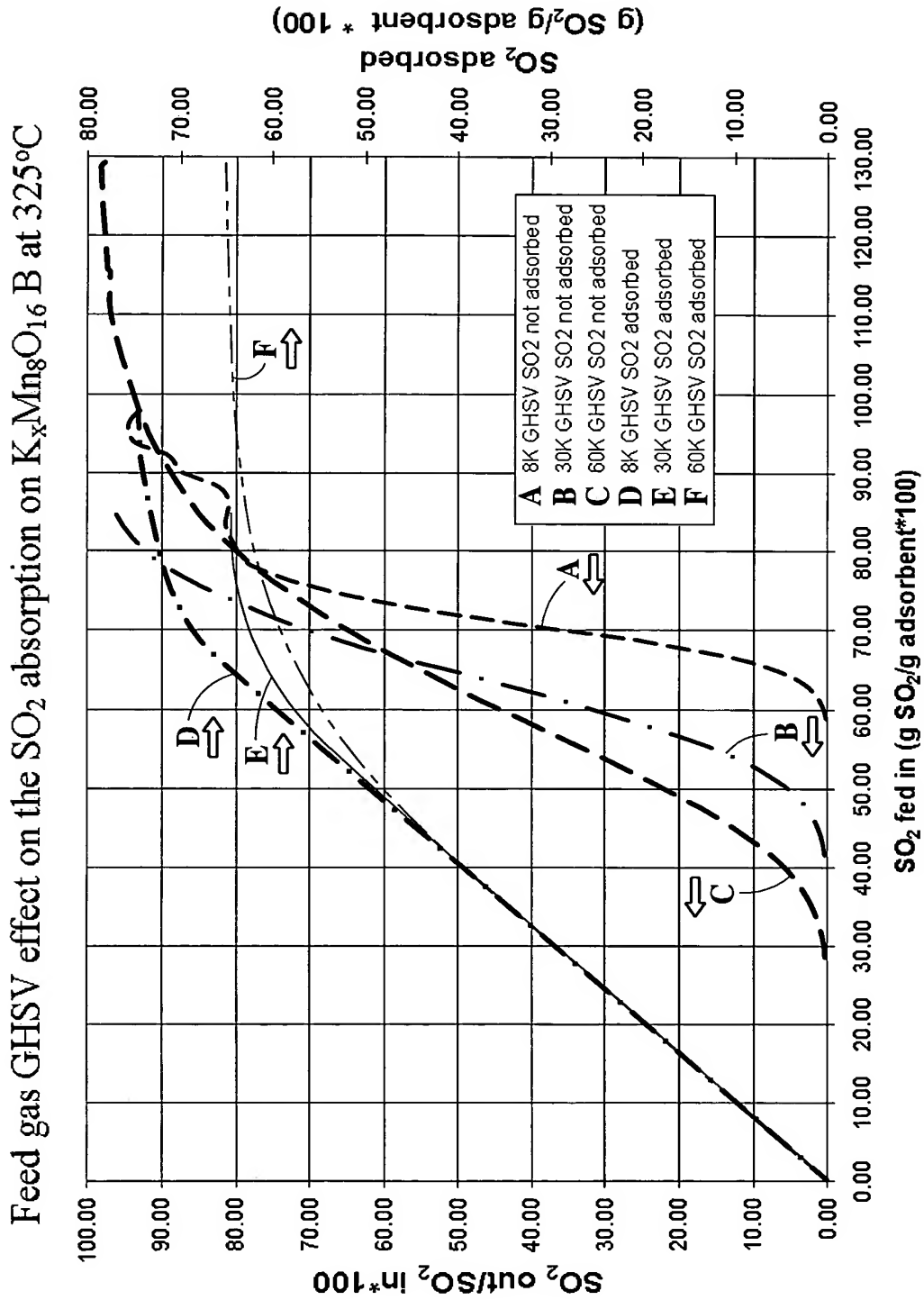


Fig. 5



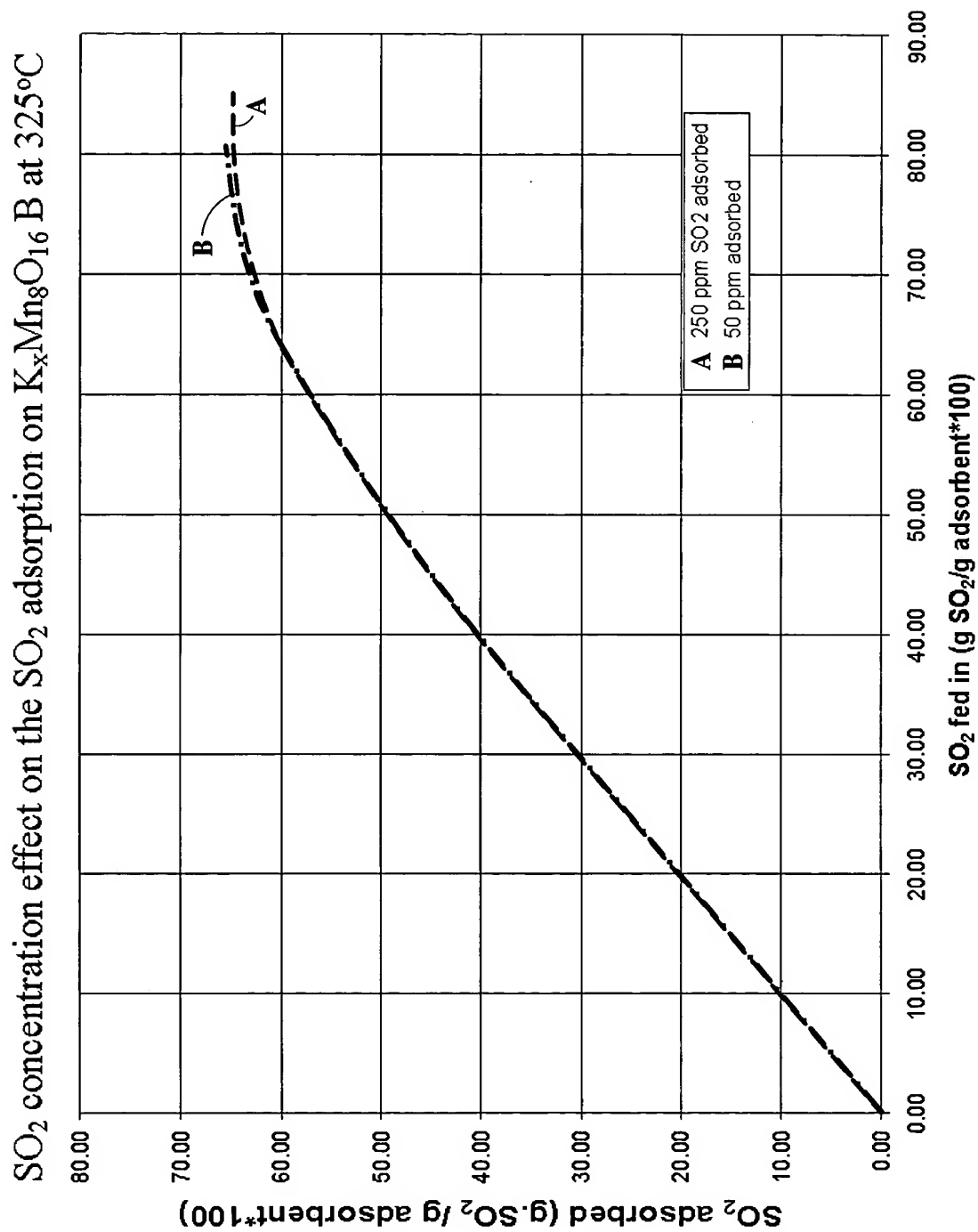


Fig. 6

Feed gas composition effect on the SO<sub>2</sub> absorption on K<sub>x</sub>Mn<sub>8</sub>O<sub>16</sub> B at 325°C

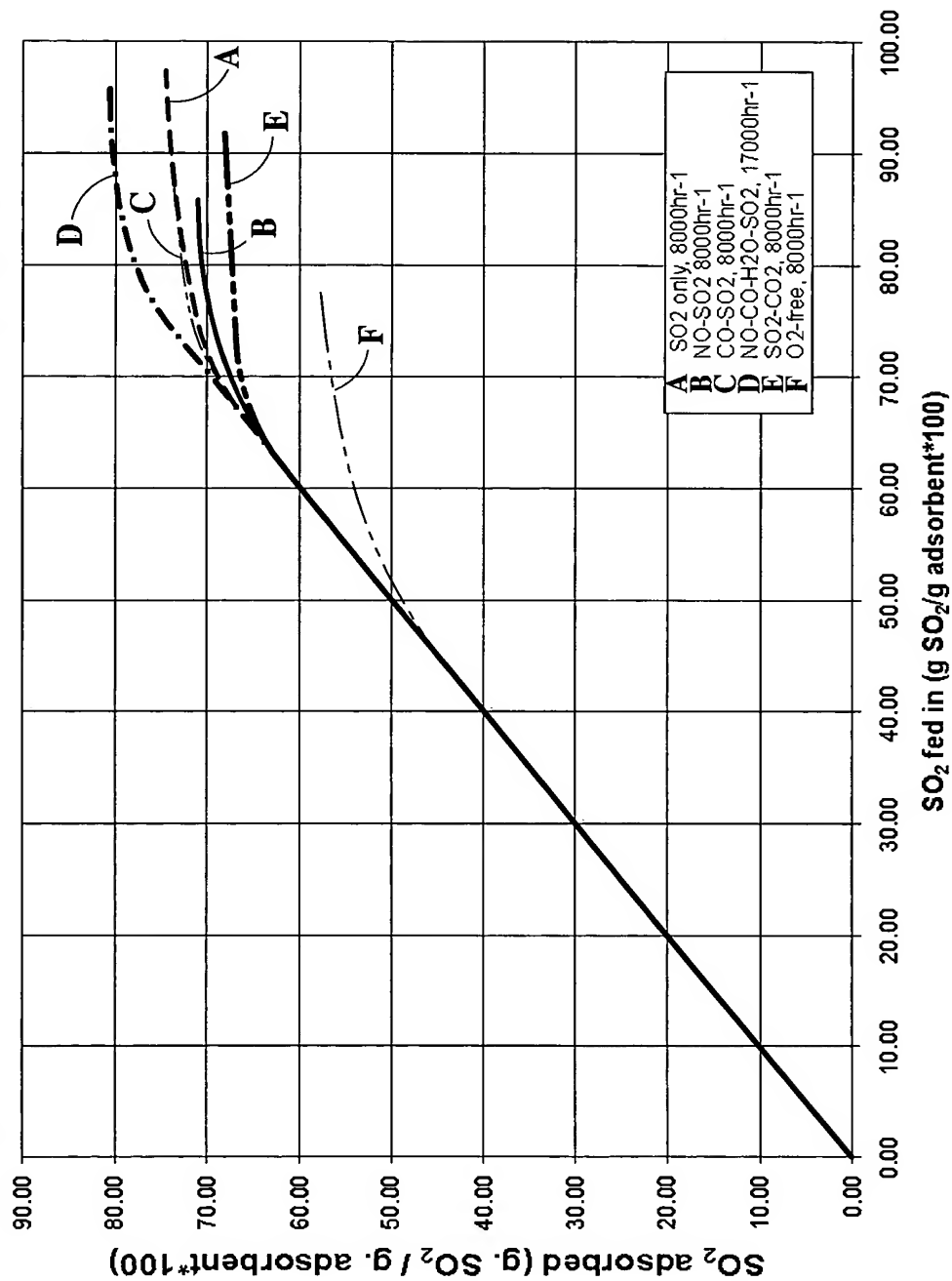


Fig. 7

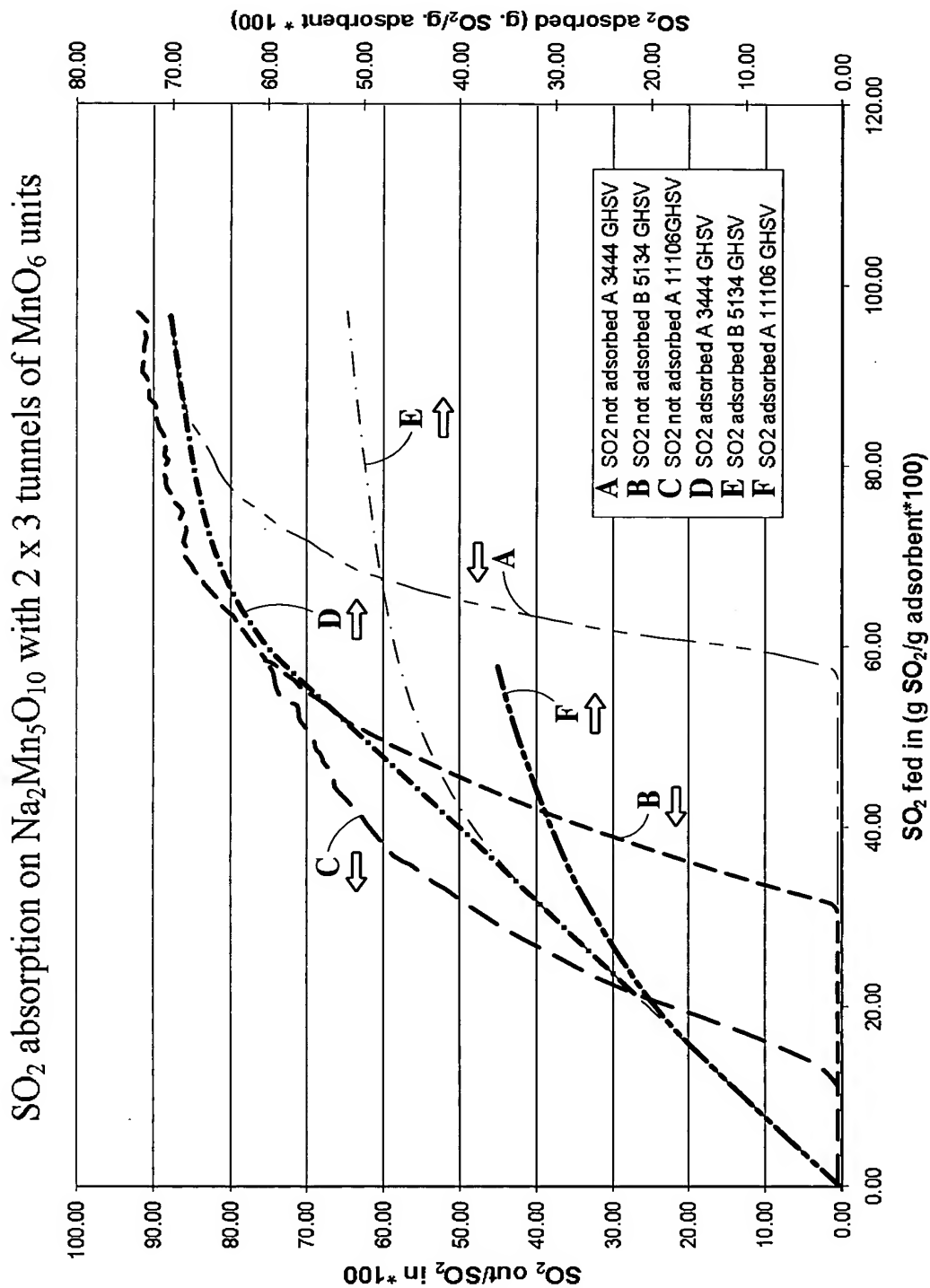


Fig. 8

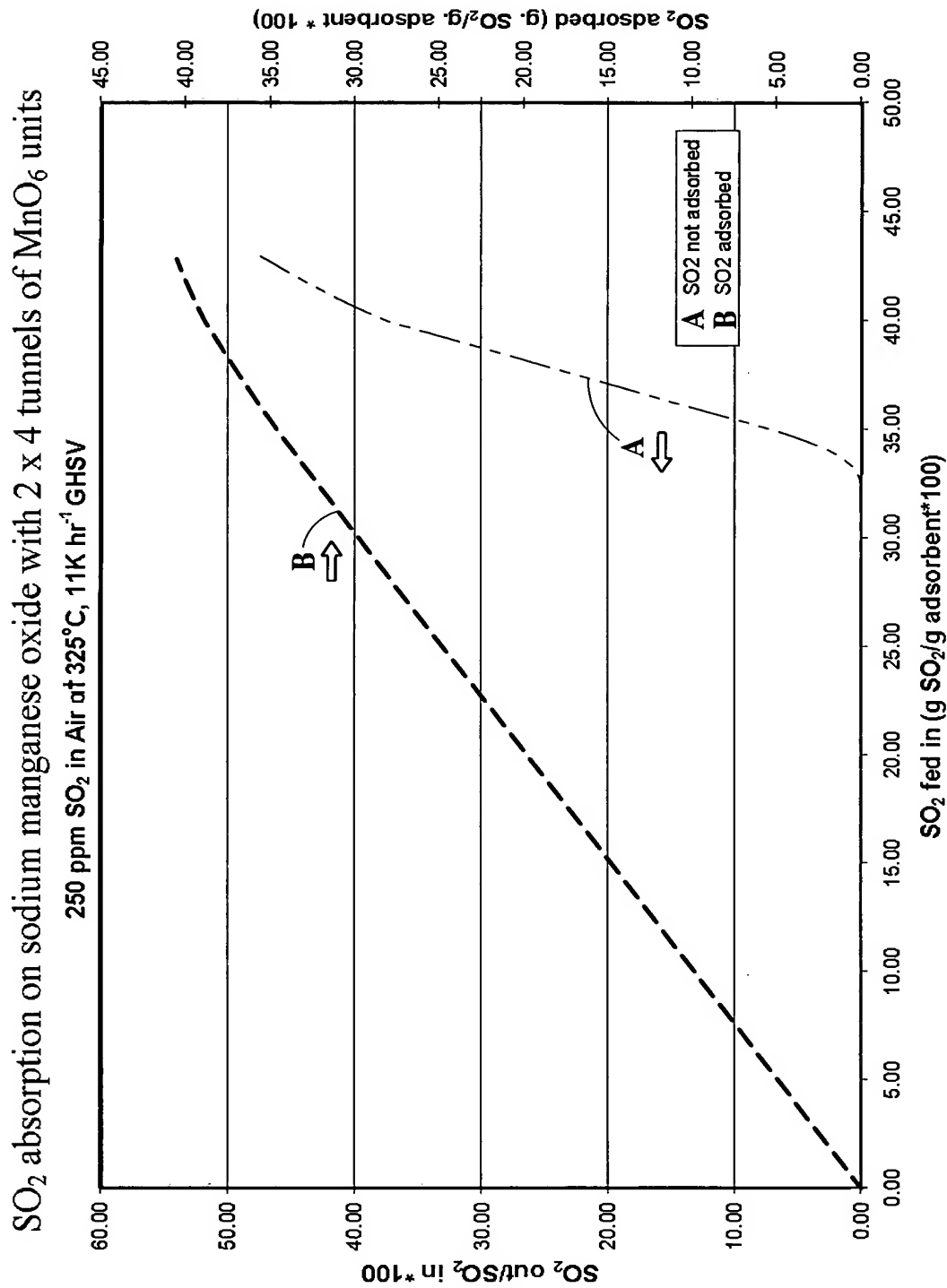
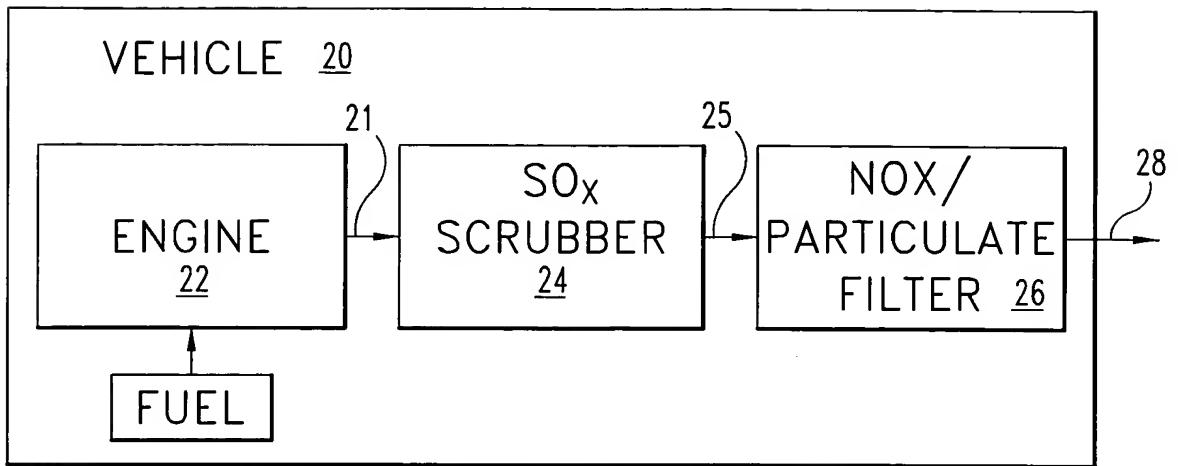
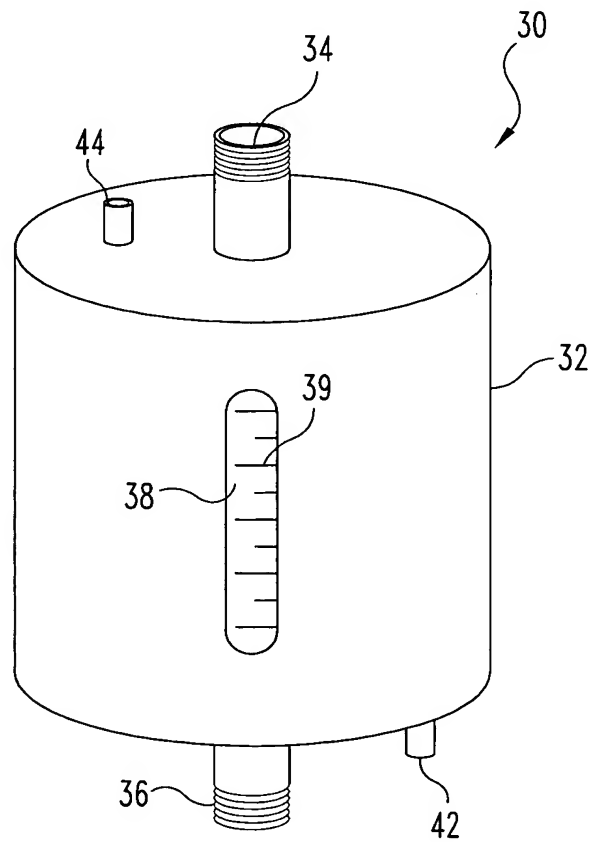


Fig. 9



**Fig. 10**



**Fig. 11**